

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A method of manufacturing a ~~compound~~ composition based on a thermoplastic, which may be cross-linked through irradiation using light lying in the ultraviolet range, in which at least one photoinitiator and one cross-linking agent are added to a thermoplastic base material,

characterized in that 0.2 to 3 parts of an alkyl benzophenone and/or a derivative thereof as a photoinitiator and 0.2 to 3 parts of a cross-linking agent and 0.1 to 5 parts stabilizers are added to 100 parts base material.

2. (original): The method according to Claim 1, characterized in that dodecyl benzophenone is used as a photoinitiator.

3. (original): The method according to Claim 1, characterized in that trimethylol propane trimethacrylate is used as a cross-linking agent.

4. (original): The method according to Claim 1, characterized in that triallyl cyanurate is used as a cross-linking agent.

5. (original): The method according to Claim 1, characterized in that additional materials for improving fire behavior are added to the base material.

6. (currently amended): The method according to Claim 5, characterized in that 10 to 120 parts chalk, 20 to 160 parts flame retardant, and 2 to 50 parts fireproofing agents are added to the ~~compound~~ composition.

AMENDMENT

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7. (original): The method according to Claim 6, characterized in that aluminum trihydroxide is used as a flame retardant.

8. (original): The method according to Claim 6, characterized in that magnesium hydroxide is used as a flame retardant.

9. (currently amended): A method of manufacturing an electric line having a core containing at least one electric conductor using the compound composition according to Claim 1,

wherein a layer made of the compound composition is extruded around the core and the insulating material is then cross-linked through irradiation with light lying in the ultraviolet range.

10. (currently amended): The method according to Claim 9, characterized in that:
[[-]] the layer made of insulating material is applied to the core using a wall thickness between 0.1 mm and 1.2 mm; and

[[-]] at least one lamp which emits ultraviolet light, having an output between 50 watts/cm and 300 watts/cm, is used for cross-linking the insulating material.

11. (original): The method according to Claim 10, characterized in that a layer made of insulating material having a wall thickness between 0.2 mm and 0.5 mm is extruded.

12. (original): The method according to Claim 10, characterized in that two or more lamps are used for irradiating the insulating material.